

JH-R2G10 P60
(PC+ABS)-GF10

Kingfa Sci. & Tech.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Mold Shrinkage, MD	0.004	mm/mm	ASTM D 955

Mechanical properties	Value	Unit	Test Standard
ASTM Data			
Tensile Strength	76	MPa	ASTM D 638
Elongation at Break	7	%	ASTM D 638
Flexural Modulus	4350	MPa	ASTM D 790
Flexural Strength	119	MPa	ASTM D 790
Rockwell Hardness	M 82	-	ASTM D 785
Izod Impact notched, 1/8 in	72.1	J/m	ASTM D 256
Izod Impact unnotched, 1/8 in	269	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
Thickness tested	3.2	mm	-
DTUL @ 66 psi	130	°C	ASTM D 648
DTUL @ 264 psi	120	°C	ASTM D 648

Electrical properties	Value	Unit	Test Standard
ASTM Data			
Dielectric Strength, Short Time	28	kV/mm	ASTM D 149
Surface Resistivity	>1E15	Ohm	ASTM D 257
Volume Resistivity	>1E15	Ohm*cm	ASTM D 257

Other properties	Value	Unit	Test Standard
Water Absorption, 24hr	0.12	%	ASTM D 570
Density	1220	kg/m ³	ASTM D 792

Characteristics**Processing**
Injection Molding**Delivery form**
Pellets**Applications**
Automotive**Regional Availability**
Asia Pacific